

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P185	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2004/002309	International filing date (day/month/year) 16/07/2004	(Earliest) Priority Date (day/month/year) 16/07/2003
Applicant MICHIDA, Taizo		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.
☒ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,
☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,
☐ the text is approved as submitted by the applicant.
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,
a. the figure of the drawings to be published with the abstract is Figure No. 2b
☒ as suggested by the applicant.
☐ as selected by this Authority, because the applicant failed to suggest a figure.
☐ as selected by this Authority, because this figure better characterizes the invention.
b. ☐ none of the figures is to be published with the abstract.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2004/002309

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

To provide alert apparatus for use with fastener equipment, fasteners, wearable and portable items (for example, clothing and bags) including fasteners. The alert apparatus having a signal source (for example, a pull tab having a bell (101) made of soft iron) that is helpful in alerting a user that a fastener (301) has not been closed or connected, and a modifier (for example, a pull tab provided with a magnet) that can be connected to the signal source. The signal source and modifier each being attached to part(s) (for example, slider(s) (302) of a slide fastener) of a fastener or to the cloth surrounding an opening in clothing, opening of a bag (422), or the like. When the opening is closed by means of the fastener and the signal source and the signal modifier are connected to each other, the operating condition of the signal source is modified.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002309

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A45C13/24 G08B13/00 A44B19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A45C G08B A44B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ¹	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	GB 2 390 206 A (SCHOFIELD DAVID MICHAEL) 31 December 2003 (2003-12-31) abstract; figures 1-4	1, 6, 8, 11
X	GB 2 284 698 A (BEYNON JOHN ALAN) 14 June 1995 (1995-06-14) abstract pages 11-6	1, 4-6, 8, 11, 12, 14-18
X	US 4 755 802 A (URBANCZYK FELIX) 5 July 1988 (1988-07-05) abstract column 1, lines 47-61; figures 1-5 -/-	1, 11, 12, 14, 15, 17, 18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

A document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

22/11/2004

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Lang, D

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002309

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 4 882 815 A (NILSEN MORTEN N) 28 November 1989 (1989-11-28) abstract; figures 1-3	1,6,12
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X	DE 297 15 996 U (CHEN HORNG WEI) 30 October 1997 (1997-10-30) the whole document	1
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2004/002309

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2390206	A	31-12-2003	NONE	
GB 2284698	A	14-06-1995	NONE	
US 4755802	A	05-07-1988	NONE	
US 4882815	A	28-11-1989	NO 863893 A AT 85446 T AU 593143 B2 AU 7962987 A BR 8707489 A CA 1287818 C DE 3784054 D1 DE 3784054 T2 DK 255588 A ,B, EP 0283495 A1 ES 2008899 A6 FI 882520 A ,B, GR 871486 A1 JP 1501021 T WO 8802526 A1 PT 85817 A ,B	05-04-1988 15-02-1993 01-02-1990 21-04-1988 06-12-1988 20-08-1991 18-03-1993 19-05-1993 26-05-1988 28-09-1988 16-08-1989 27-05-1988 03-02-1988 06-04-1989 07-04-1988 14-10-1988
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